

SEQUENCE LISTING

<110> Chen, Hongyun
Le Bihan, Stephane

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<140> US

<141> 2002-03-01

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<212> DNA

<213> Homo sapiens

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2002-03-01

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<210> 5
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His 50	Arg	Val	Arg	Pro	Trp	Trp 55	Asp	Ile	Thr	Ser	Cys 60	Arg	Gln	Gln	Trp
Thr 65	Arg	Gln	Ile	Leu 70	Lys	Asp	Val	Ser	Leu 75	Tyr	Val	Glu	Ser	Gly 80	Gln
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Asp	Ala	Met	Ser 100	Gly	Arg	Leu	Gly	Arg 105	Ala	Gly	Thr	Phe	Leu 110	Gly	Glu
Val	Tyr	Val	Asn 115	Gly	Arg	Ala	Leu 120	Arg	Arg	Glu	Gln	Phe 125	Gln	Asp	Cys
Phe 130	Ser	Tyr	Val	Leu	Gln	Ser 135	Asp	Thr	Leu	Leu	Ser	Ser 140	Leu	Thr	Val
Arg 145	Glu	Thr	Leu	His 150	Tyr	Thr	Ala	Leu	Leu	Ala 155	Ile	Arg	Arg	Gly 160	Asn
Pro	Gly	Ser	Phe 165	Gln	Lys	Lys	Val	Glu 170	Ala	Val	Met	Ala	Glu 175	Leu	Ser
Leu	Ser	His 180	Val	Ala	Asp	Arg	Leu 185	Ile	Gly	Asn	Tyr	Ser 190	Leu	Gly	Gly
Ile	Ser 195	Thr	Gly	Glu	Arg	Arg 200	Arg	Val	Ser	Ile	Ala 205	Ala	Gln	Leu	Leu
Gln 210	Asp	Pro	Lys	Val	Met 215	Leu	Phe	Asp	Glu	Pro	Thr 220	Thr	Gly	Leu	Asp
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Asp	Asn	Ser	Leu	Tyr	Phe	Thr	Tyr	Ser	Gly	Gln	Pro	Asn	Thr	Leu	Glu
Val	Arg	Asp	Leu	Asn	Tyr	Gln	Val	Asp	Leu	Ala	Ser	Gln	Val	Pro	Trp
Phe	Glu	Gln	Leu	Ala	Gln	Phe	Lys	Met	Pro	Trp	Thr	Ser	Pro	Ser	Cys
Gln	Asn	Ser	Cys	Glu	Leu	Gly	Ile	Gln	Asn	Leu	Ser	Phe	Lys	Val	Arg
Ser	Gly	Gln	Met	Leu	Ala	Ile	Ile	Gly	Ser	Ser	Gly	Cys	Gly	Arg	Ala
Ser	Leu	Leu	Asp	Val	Ile	Thr	Gly	Arg	Gly	His	Gly	Gly	Lys	Ile	Lys
Ser	Gly	Gln	Ile	Trp	Ile	Asn	Gly	Gln	Pro	Ser	Ser	Pro	Gln	Leu	Val
Arg	Lys	Cys	Val	Ala	His	Val	Arg	Gln	His	Asn	Gln	Leu	Leu	Pro	Asn
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Arg	Thr	Phe	Ser	Gln	Ala	Gln	Arg	Asp	Lys	Arg	Val	Glu	Asp	Val	Ile
Ala	Glu	Leu	Arg	Leu	Arg	Gln	Cys	Ala	Asp	Thr	Arg	Val	Gly	Asn	Met
Tyr	Val	Arg	Gly	Leu	Ser	Gly	Gly	Glu	Arg	Arg	Arg	Val	Ser	Ile	Gly
Val	Gln	Leu	Leu	Trp	Asn	Pro	Gly	Ile	Leu	Ile	Leu	Asp	Glu	Pro	Thr
Ser	Gly	Leu	Asp	Ser	Phe	Thr	Ala	His	Asn	Leu	Val	Lys	Thr	Leu	Ser
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Arg	Ser	Asp	Ile	Phe	Arg	Leu	Phe	Asp	Leu	Val	Leu	Leu	Met	Thr	Ser
Gly	Thr	Pro	Ile	Tyr	Leu	Gly	Ala	Ala	Gln	His	Met	Val	Gln	Tyr	Phe
Thr	Ala	Ile	Gly	Tyr	Pro	Cys	Pro	Arg	Tyr	Ser	Asn	Pro	Ala	Asp	Phe
Tyr	Val	Asp	Leu	Thr	Ser	Ile	Asp	Arg	Arg	Ser	Arg	Glu	Gln	Glu	Leu
Ala	Thr	Arg	Glu	Lys	Ala	Gln	Ser	Leu	Ala	Ala	Leu	Phe	Leu	Glu	Lys
Val	Arg	Asp	Leu	Asp	Asp	Phe	Leu	Trp	Lys	Ala	Glu	Thr	Lys	Asp	Leu
Asp	Glu	Asp	Thr	Cys	Val	Glu	Ser	Ser	Val	Thr	Pro	Leu	Asp	Thr	Asn

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 405 410 415
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 420 425 430
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 Ala Ala Leu Leu Phe Met Ile Gly Ala Leu Ile Pro Phe Asn Val Ile
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 465 470 475 480
 Glu Leu Glu Asp Gly Leu Tyr Thr Thr Gly Pro Tyr Phe Phe Ala Lys
 485 490 495
 Ile Leu Gly Glu Leu Pro Glu His Cys Ala Tyr Ile Ile Ile Tyr Gly
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 Ser Arg Arg Thr Tyr Lys Met Pro Leu Gly Asn Leu Thr Ile Ala Val
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 Ser Gly Asp Lys Ile Leu Ser Val Met Glu Leu Asp Ser Tyr Pro Leu
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 Tyr Ala Ile Tyr Leu Ile Val Ile Gly Leu Ser Gly Gly Phe Met Val
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 35 40 45
 Tyr Ser Val Arg Glu Gly Pro Cys Trp Arg Lys Arg Gly Tyr Lys Thr

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 65 70 75 80
 Ile Met Gly Pro Ser Gly Ala Gly Lys Ser Thr Phe Met Asn Ile Leu
 85 90 95
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 100 105 110
 Arg Pro Arg Glu Leu Arg Thr Phe Arg Lys Met Ser Cys Tyr Ile Met
 115 120 125
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 180 185 190
 Ala Leu Glu Leu Val Asn Asn Pro Pro Val Met Phe Phe Asp Glu Pro
 195 200 205
 Thr Ser Gly Leu Asp Ser Ala Ser Cys Phe Gln Val Val Ser Leu Met
 210 215 220
 Lys Ser Leu Ala Gln Gly Gly Arg Thr Ile Ile Cys Thr Ile His Gln
 225 230 235 240
 Pro Ser Ala Lys Leu Phe Glu Met Phe Asp Lys Leu Tyr Ile Leu Ser
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 Gln Gly Gln Cys Ile Phe Lys Gly Val Val Thr Asn Leu Ile Pro Tyr
 260 265 270
 Leu Lys Gly Leu Gly Leu His Cys Pro Thr Tyr His Asn Pro Ala Asp
 275 280 285
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 Ser Ser Pro Glu Lys Asn Glu Val Pro Ala Pro Cys Pro Pro Cys Pro
 325 330 335
 Pro Glu Val Asp Pro Ile Glu Ser His Thr Phe Ala Thr Ser Thr Leu
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 405 410 415
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<213> Homo sapiens
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Val	Asn 130	Gly	Arg	Pro	Arg	Glu 135	Leu	Arg	Thr	Phe	Arg 140	Lys	Met	Ser	Cys
Tyr 145	Ile	Met	Gln	Asp	Asp 150	Met	Leu	Leu	Pro	His 155	Leu	Thr	Val	Leu	Glu
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Lys	Lys	Glu	Leu 180	Val	Thr	Glu	Ile	Leu 185	Thr	Ala	Leu	Gly	Leu 190	Met	Ser
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Asp 225	Glu	Pro	Thr	Ser	Gly 230	Leu	Asp	Ser	Ala	Ser 235	Cys	Phe	Gln	Val	Val
Ser	Leu	Met	Lys	Ser 245	Leu	Ala	Gln	Gly	Gly	Arg 250	Thr	Ile	Ile	Cys 255	Thr
Ile	His	Gln	Pro 260	Ser	Ala	Lys	Leu	Phe 265	Glu	Met	Phe	Asp 270	Lys	Leu	Tyr
Ile	Leu 275	Ser	Gln	Gly	Gln	Cys	Ile 280	Phe	Lys	Gly	Val	Val 285	Thr	Asn	Leu
Ile	Pro 290	Tyr	Leu	Lys	Gly	Leu 295	Gly	Leu	His	Cys	Pro 300	Thr	Tyr	His	Asn
Pro 305	Ala	Asp	Phe	Ile	Ile 310	Glu	Val	Ala	Ser	Gly 315	Glu	Tyr	Gly	Asp	Leu
Asn	Pro	Met	Leu 325	Phe	Arg	Ala	Val	Gln	Asn	Gly 330	Leu	Cys	Ala	Met	Ala
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Pro	Cys 355	Pro	Glu	Val	Asp	Pro 360	Ile	Glu	Ser	His	Thr 365	Phe	Ala	Thr	
Ser	Thr	Leu	Thr	Gln	Phe	Cys	Ile	Leu	Phe	Lys	Arg	Thr	Phe	Leu	Ser

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 Val Ile Gly Val Leu Ile Gly Leu Leu Tyr Leu His Ile Gly Asp Asp
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 Lys Ala Tyr Tyr Leu Ala Lys Thr Met Ala Asp Val Pro Phe Gln Val
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 Asn Ser Leu Gln Val Ala Thr Phe Val Gly Pro Val Thr Ala Ile Pro
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 Tyr Leu Gln Trp Ser Ser Tyr Leu Ser Tyr Val Arg Tyr Gly Phe Glu
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